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Mark Davis

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EXAMINER

ZHOU, TING

ART UNIT

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/616,091	<b>Applicant(s)</b> DAVIS, MARK	
	<b>Examiner</b> TING ZHOU	<b>Art Unit</b> 2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 11 February 2008.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-7, 9-17, 19, 20 and 22-41 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7, 9-17, 19-20 and 22-41 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                       | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>01/14/2008</u>  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

1. The amendment filed on 11 February 2008 have been received and entered. The applicant has cancelled claims 8, 18 and 21; claims 1-7, 9-17, 19-20 and 20-41 as amended are pending in the application.
2. The IDS filed on 01/14/2008 have been received and considered.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-7, 9-17 and 19-41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dyszel (Handspring Visor for Dummies) and Microsoft® Windows Version 5.1, copyright 2001 (hereinafter "Windows") (screenshots 1-8).

Referring to claim 1, Dyszel teaches a method of displaying calendar information comprising displaying a weekly view graphical image on an effective display area of the display screen (i.e. see Fig. 8-3, p. 121), wherein said weekly view graphical image comprises days of the week and appointment icons therein (i.e. the columns represent the days of the week and bars in the columns represent appointment icons, see Fig. 8-3, p. 121); visually highlighting appointment icons in response to user navigation input (i.e. by tapping on the interface, see p.

Art Unit: 2173

122); in response to a user selection of a first highlighted appointment icon, automatically displaying a preview window comprising details of said first highlighted appointment icon on said display screen (i.e. see top of Fig. 8-4, p. 122), wherein said preview window is displayed simultaneously with said weekly view graphical image which remains user accessible while said preview window is open (i.e. see Fig. 8-4, p. 122). However, although Dyszel teaches removal of a preview window (i.e. in Fig. 8-3, since there is no selected block, there is no preview window, see p. 121), Dyszel fails to explicitly teach removing the preview window in response to a user selection outside of the preview window while the preview window is open and collapsing an active area input for a display screen to enlarge an effective display area of the display screen. Windows teaches a graphical user interface (Screenshot 2) similar to that of Dyszel. In addition, Windows further teaches collapsing an active area input for a display screen to enlarge an effective display area of the display screen (the window display screen can be collapsed, as shown by the collapsed state of the "Document3" window of Screenshot 7, or maximized to full size, as shown by Screenshot 8; as can be seen from Screenshot 7, the effective display area of the display screen is enlarged in Screenshot 7 when "Document3" is in the collapsed state, i.e. more information such as icons on the desktop can be seen in Screenshot 7) and removing a window in response to user selection outside of the window while the window is open (Screenshot 3 shows the display of a context menu window; when the user clicks outside the menu window when the window is open as shown in Screenshot 3, the menu window automatically disappears and the screen returns to the original display shown in Screenshot 2). It would have been obvious to one of ordinary skill in the art having the teachings of Dyszel and Windows before him at the time the invention was made, to modify the removal of the preview

Art Unit: 2173

window displaying details of appointments icons of Dyszel to include the removal of windows via selection outside of the window, as taught by Windows. One would have been motivated to make such a combination in order to display only information that are pertinent to the user/essential to the user's current focus of attention and/or working environment; this prevents the screen from being cluttered with non-critical information, thereby preserving screen space.

Referring to claim 22, Dyszel teaches a method of displaying calendar information comprising displaying a monthly view graphical image on an effective area of the display screen, wherein said monthly view graphical image comprises days of the month and appointment icons therein (see Fig. 8-5 with boxes in the day representing appointments in that day, p. 123); visually highlighting days in response to user navigation input (the 7th is highlighted, see Fig. 8-5, p. 123). Dyszel does not explicitly teach in response to a user selection of a first highlighted day, automatically displaying a preview window comprising details of appointments of said first highlighted day on said display screen, wherein said preview window is displayed simultaneously with said view graphical image which remains user accessible while said preview window is open and collapsing an active area input for a display screen to enlarge an effective display area of the display screen. However, it would have been obvious to one of ordinary skill in the art, having the teaching of Dyszel before him at the time the invention was made, to modify the weekly view graphical image with previews (see p. 121- 122) as taught by Dyszel to include using previews in a monthly view. One would have been motivated to make such a combination in order to simultaneously preview a selected day in a calendar with a summary of appointments of that selected day (see p. 122 and 123). Furthermore, although Dyszel teaches removal of a preview window (i.e. in Fig. 8-3, since there is no selected block, there is no

Art Unit: 2173

preview window, see p. 121), Dyszel fails to explicitly teach removing the preview window in response to a user selection outside of the preview window while the preview window is open. Windows teaches a graphical user interface (Screenshot 2) similar to that of Dyszel. In addition, Windows further teaches collapsing an active area input for a display screen to enlarge an effective display area of the display screen (the window display screen can be collapsed, as shown by the collapsed state of the "Document3" window of Screenshot 7, or maximized to full size, as shown by Screenshot 8; as can be seen from Screenshot 7, the effective display area of the display screen is enlarged in Screenshot 7 when "Document3" is in the collapsed state, i.e. more information such as icons on the desktop can be seen in Screenshot 7) and removing a window in response to user selection outside of the window while the window is open (Screenshot 3 shows the display of a context menu window; when the user clicks outside the menu window when the window is open as shown in Screenshot 3, the menu window automatically disappears and returns to the original display shown in Screenshot 2). It would have been obvious to one of ordinary skill in the art having the teachings of Dyszel and Windows before him at the time the invention was made, to modify the removal of the preview window displaying details of appointments icons of Dyszel to include the removal of windows via selection outside of the window, as taught by Windows. One would have been motivated to make such a combination in order to display only information that are pertinent to the user/essential to the user's current focus of attention and/or working environment; this prevents the screen from being cluttered with non-critical information, thereby preserving screen space.

Referring to claim 6, Dyszel teaches a method of displaying calendar information comprising displaying a weekly view graphical image on a display screen (i.e. see Fig. 8-3, p.

121), wherein the weekly view graphical image comprises days of the week and appointment icons therein (i.e. the columns represent the days of the week and bars in the columns represent appointment icons, see Fig. 8-3, p. 121); visually highlighting appointment icons in response to user navigation input (i.e. by tapping on the interface, see p. 122); in response to a user selection of a first highlighted appointment icon, automatically displaying a preview window comprising details of said first highlighted appointment icon on said display screen (i.e. see top of Fig. 8-4, p. 122), wherein said preview window is displayed simultaneously with said weekly view graphical image which remains user accessible while said preview window is open (i.e. see Fig. 8-4, p. 122). However, although Dyszel teaches removal of a preview window (i.e. in Fig. 8-3, since there is no selected block, there is no preview window, see p. 121), Dyszel fails to explicitly teach removing the preview window in response to a user selection outside of the preview window while the preview window is open and the display screen is switchable between a small display mode which is substantially square in shape and a tall display mode which is substantially rectangular in shape. Windows teaches a graphical user interface (Screenshot 2) similar to that of Dyszel. In addition, Windows further teaches the display screen is switchable between a small display mode which is substantially square in shape (i.e. Fig. 8-3 shows a square shape display, see p. 121, 'Dyszel), and a tall display mode which is substantially rectangular in shape (Screenshots 5-6 show the transition/switch between a small display mode that is substantially square in shape, as shown in Screenshot 5, to a tall display mode which is substantially rectangular in shape, as shown in Screenshot 6) and removing a window in response to user selection outside of the window while the window is open (Screenshot 3 shows the display of a context menu window; when the user clicks outside the menu window when the

Art Unit: 2173

window is open as shown in Screenshot 3, the menu window automatically disappears and the screen returns to the original display shown in Screenshot 2). It would have been obvious to one of ordinary skill in the art having the teachings of Dyszel and Windows before him at the time the invention was made, to modify the removal of the preview window displaying details of appointments icons of Dyszel to include the removal of windows via selection outside of the window, as taught by Windows. One would have been motivated to make such a combination in order to display only information that are pertinent to the user/essential to the user's current focus of attention and/or working environment; this prevents the screen from being cluttered with non-critical information, thereby preserving screen space.

Referring to claim 27, Dyszel teaches a method of displaying calendar information comprising displaying a monthly view graphical image on an effective area of the display screen, wherein said monthly view graphical image comprises days of the month and appointment icons therein (see Fig. 8-5 with boxes in the day representing appointments in that day, p. 123); visually highlighting days in response to user navigation input (the 7th is highlighted, see Fig. 8-5, p. 123). Dyszel does not explicitly teach in response to a user selection of a first highlighted day, automatically displaying a preview window comprising details of appointments of said first highlighted day on said display screen, wherein said preview window is displayed simultaneously with said view graphical image which remains user accessible while said preview window is open. However, it would have been obvious to one of ordinary skill in the art, having the teaching of Dyszel before him at the time the invention was made, to modify the weekly view graphical image with previews (see p. 121- 122) as taught by Dyszel to include using previews in a monthly view. One would have been motivated to make such a combination in order to



Art Unit: 2173

simultaneously preview a selected day in a calendar with a summary of appointments of that selected day (see p. 122 and 123). Furthermore, although Dyszel teaches removal of a preview window (i.e. in Fig. 8-3, since there is no selected block, there is no preview window, see p. 121), Dyszel fails to explicitly teach removing the preview window in response to a user selection outside of the preview window while the preview window is open, collapsing an active input area for a display screen to enlarge an effective display area of the display screen, and the display screen being switchable between a small display mode which is substantially square in shape and a tall display mode which is substantially rectangular in shape. Windows teaches a graphical user interface (Screenshot 2) similar to that of Dyszel. In addition, Windows further teaches collapsing an active area input for a display screen to enlarge an effective display area of the display screen (the window display screen can be collapsed, as shown by the collapsed state of the "Document3" window of Screenshot 7, or maximized to full size, as shown by Screenshot 8; as can be seen from Screenshot 7, the effective display area of the display screen is enlarged in Screenshot 7 when "Document3" is in the collapsed state, i.e. more information such as icons on the desktop can be seen in Screenshot 7), the display screen being switchable between a small display mode which is substantially square in shape (i.e. Fig. 8-3 shows a square shape display, see p. 121, 'Dyszel), and a tall display mode which is substantially rectangular in shape (Screenshots 5-6 show the transition/switch between a small display mode that is substantially square in shape, as shown in Screenshot 5, to a tall display mode which is substantially rectangular in shape, as shown in Screenshot 6) and removing a window in response to user selection outside of the window while the window is open (Screenshot 3 shows the display of a context menu window; when the user clicks outside the menu window when the window is open

Art Unit: 2173

as shown in Screenshot 3, the menu window automatically disappears and returns to the original display shown in Screenshot 2). It would have been obvious to one of ordinary skill in the art having the teachings of Dyszel and Windows before him at the time the invention was made, to modify the removal of the preview window displaying details of appointments icons of Dyszel to include the removal of windows via selection outside of the window, as taught by Windows. One would have been motivated to make such a combination in order to display only information that are pertinent to the user/essential to the user's current focus of attention and/or working environment; this prevents the screen from being cluttered with non-critical information, thereby preserving screen space.

Referring to claims 2 and 23, Dyszel, as modified, teach the user navigation is obtained from a 5-way navigation tool (the Windows GUI is controlled by a keyboard that comprises a 5-way navigation tool, i.e. left/right, up/down and "Enter" keys from the keyboard; an exemplary virtual keyboard is shown in Screenshot 4).

Referring to claims 3 and 24, Dyszel, as modified, teach the user selection is obtained from said 5-way navigation tool (the Windows GUI is controlled by a keyboard that comprises a 5-way navigation tool, i.e. left/right, up/down and "Enter" keys from the keyboard; an exemplary virtual keyboard is shown in Screenshot 4).

Referring to claims 4 and 25, Dyszel, as modified, teach the 5-way navigation tool comprises a selection button and four cursor directional buttons (the Windows GUI is controlled by a keyboard that comprises a 5-way navigation tool, i.e. left/right, up/down and "Enter" keys from the keyboard; an exemplary virtual keyboard is shown in Screenshot 4).

Referring to claim 5, Dyszel teaches the user input is obtained from tactile interaction with a digitizer of said display screen (i.e. the screen supports tactile interaction by tapping, see p. 15).

Referring to claim 7, Dyszel teaches in response to a user navigation to a second highlighted appointment icon, automatically updating said preview window to display details of said second highlighted appointment icon on said display screen (i.e. clicking on another bar will present information about the other bar, see p. 121).

Referring to claim 9, Dyszel, as modified, teach removing the preview window in response to a user selection while the preview window is open (Screenshot 3 shows the display of a context menu window; when the user clicks outside the menu window when the window is open as shown in Screenshot 3, the menu window automatically disappears and returns to the original display shown in Screenshot 2).

Referring to claims 10 and 20, Dyszel, as modified, teach highlighting days of the week (i.e. see Fig. 8-4 where 9/10 is selected, 'Dyszel) and highlighting appointments within a highlighted day (i.e. by clicking on a block representing an appointment, see Fig. 8-4, 'Dyszel), in response to left/right and up/down navigation, respectively (the left/right and up/down cursor keys are used for navigation throughout the Windows GUI; an exemplary virtual keyboard is shown in Screenshot 4).

Referring to claims 11, 15, 17 and 19, claims 11, 15, 17 and 19 differ from claim 1, 5, 7 and 9 only in that claims 11, 15, 17 and 19 are system type claims with memory (see p. 208) and processor (see line 4, p. 13) on a bus where as claims 1, 5, 7 and 9 are method claims. Thus,

Art Unit: 2173

claims 11, 15, 17 and 19 are analyzed as previously discussed with respect to claims 1, 5, 7 and 9 above.

Referring to claims 12, 13, 14, and 16, claims 12, 13, 14, and 16 differ from claim 2, 3, 4, and 6 only in that claims 12, 13, 14, and 16 are system type claims with memory (see p. 208, 'Dyszel) and processor (see line 4, p. 13, 'Dyszel) on a bus where as claims 2, 3, 4, and 6 are method claims. Thus, claims 12, 13, 14, and 16 are analyzed as previously discussed with respect to claims 2, 3~ 4, and 6 above.

Referring to claim 26, Dyszel teaches the user input is obtained from tactile interaction with a digitizer of a said display screen (i.e. the screen supports tactile interaction by tapping, see p. 15).

Referring to claim 28, Dyszel teaches in response to a user navigation to a second highlighted day, automatically updating said preview window to display details of appointments of said second highlighted day on said display screen (i.e. clicking on another bar will present information about the other bar, see p. 121).

Referring to claim 29, Dyszel teaches displaying a full day view of said first highlighted day in response to a user selection provided said preview window is already open (i.e. tapping on a day in Month view will display the Day view for that day, see p. 123).

Referring to claim 30, Dyszel teaches displaying a full day view of said second highlighted day in response to a user selection provided said preview window is already open (i.e. tapping on a day in Month view will display the Day view for that day, see p. 123).

Referring to claims 31 and 41, Dyszel, as modified, teach highlighting days of the month across a common row (i.e. see Fig. 8-5 where the 7th is selected, 'Dyszel); and highlighting days

of the month across a common column within-a highlighted day (i.e. by clicking on a block representing an appointment, see Fig. 8-4, 'Dyszel), in response to left/right and up/down navigation, respectively (the left/right and up/down cursor keys are used for navigation throughout the Windows GUI; an exemplary virtual keyboard is shown in Screenshot 4).

Referring to claims 32, 36, 38, 39, and 40, claims 32, 36, 38, 39, and 40 differ from claim 22, 26, 28, 29 and 30 only in that claims 32, 36, 38, 39, and 40 are system type claims with memory (see p. 208, 'Dyszel) and processor (see line 4, p. 13, 'Dyszel) on a bus where as claims 22, 26, 28, 29 and 30 are method claims. Thus, claims.32, 36, 38, 39, and 40 are analyzed as previously discussed with respect to claims 22; 26, 28, 29 and 30 above.

Referring to claims 33, 34, 35, and 37, claims 33, 34, 35, and 37 differ from claim 23, 24, 25, 27 only in that claims 33, 34, 35, and-37 are system type claims with memory (see p. 208, 'Dyszel) and processor (see line 4, p. 13, 'Dyszel) on a bus where as claims 23, 24, 25, 27 are method claims. Thus, claims 33, 34, 35, and 37 are analyzed as previously discussed with respect to claims 23, 24, 25, 27 above.

### ***Response to Arguments***

4. Applicant's arguments filed 02/11/2008 have been fully considered but they are not persuasive:

5. With respect to claim 1, the applicant argues that Windows fails to teach or suggest an active input area that can be collapsible to enlarge an effective display area of a display screen because both Screenshots 7 and 8 of Windows show a document displayed on a display screen

Art Unit: 2173

that is the same size, and therefore, the effective display area is not enlarged in response to the collapse of the active input area. The examiner respectfully disagrees. Screenshot 8 shows an open display of Document3, which allows users to actively input data, i.e. type data into the Word application; Screenshot 7 shows a collapsed display of the active input area, i.e.

Document3 is minimized; as can be seen from Screenshots 7 and 8, Screenshot 7 displays more information on the display area, i.e. the shortcut icons on the desktop can be seen in Screenshot 7, as compared to Screenshot 8, in which the icons are hidden from view by the maximized Document3; therefore, the effective display area of the desktop in Screenshot 7 when the active input area of Document3 is collapsed is larger than the effective display area of the desktop in Screenshot 8, because the displayed desktop area in Screenshot 7 is displaying more information, i.e. more icons, to the user. In view of the above, the examiner respectfully maintains that the combination of 'Dyszel and Windows teaches the subject limitations.

Claims 11, 22 and 32, and the corresponding dependent claims recite features similar to those recited in claim 1, and therefore, the examiner respectfully refers to the response to arguments with respect to claim 1 above.

6. With respect to claim 6, the applicant argues that Windows fails to teach a display screen that is switchable between a small display mode which is substantially square in shape and a tall display mode which is substantially rectangular in shape because Screenshots 5-6 of Windows merely shows the manipulation of a window that is depicted on the display screen, and that the display screen never changes size or shape and remains in a single display mode. The examiner respectfully disagrees. The examiner respectfully argues that the claim limitations recite the

Art Unit: 2173

“display screen is switchable between a small display mode which is substantially square in shape and a tall display mode which is substantially rectangular in shape”, and does not explicitly recite that the display screen itself is switched from being physically displayed substantially square in shape to being displayed substantially rectangular in shape. Screenshot 5 shows the display screen being in a small display mode that is substantially square in shape, i.e. the windows within the display screen are displayed in a substantially square shape; Screenshot 6 shows the display screen being in a tall display mode that is substantially rectangular in shape, i.e. the windows within the display screen are displayed in a substantially rectangular shape; therefore, the examiner respectfully argues that Screenshots 5 and 6 show the display screen switching from a small display mode that provides the display of windows in a substantially square shape to a tall display mode that provides the display of windows in a substantially rectangular shape. In view of the above, the examiner respectfully maintains that the combination of 'Dyszel and Windows teaches the subject limitations.

Claims 16, 27 and 37, and the corresponding dependent claims recite features similar to those recited in claim 6, and therefore, the examiner respectfully refers to the response to arguments with respect to claim 6 above.

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after

Art Unit: 2173

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TING ZHOU whose telephone number is (571)272-4058. The examiner can normally be reached on Monday - Friday 9:00am - 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dennis Chow can be reached on (571) 272-7767. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Tadesse Hailu/



Application/Control Number: 10/616,091  
Art Unit: 2173

Page 16

Primary Examiner, Art Unit 2173

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